

## CLAIMS

What is claimed is:

1. A method for transforming and transporting financial transaction data between a first computer system and a second computer system comprising:

transforming said data using a first client application on said first computer system;

5 preparing a transaction using said first computer system, said transaction comprising said data;

transporting said transaction to a server computer;

processing said data on said server computer;

preparing said transaction using said server computer system;

transporting said transaction to said second computer system; and

10 transforming said data using a second client application on said second computer system.

2. The method of claim 1 wherein said step of preparing said transaction using said first computer system further comprises encrypting said data.

3. The method of claim 1 wherein said step of preparing said transaction using said server computer system further comprises encrypting said data.

4. The method of claim 1 wherein said step of processing said data on said server computer further comprises transforming said data.

5. The method of claim 1 wherein said processing said data on said server computer comprises determining the value of said financial transaction and multiplying said value by a percentage to calculate a fee.

6. A method of computing a fee for a transformation service performed on a financial transaction comprising:

5 receiving a transaction from a first client computer system by a server computer system, said transaction comprising data to be transformed, said data comprising at least one financial transaction;

transforming said data on said server computer system;

processing said data to determine a value of said financial transaction and multiplying said value by a percentage to determine a fee for said

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transformation, said processing being performed on said server computer system; and

transporting said data to a second client computer system.

7. A data switch system for the transformation of a transaction comprising:

a first client computer system having a first client application and being connected to a communications network and capable of transmitting a transaction, said first client application being capable of transforming said transaction at least partially with respect to a first schema;

5 a server computer connected to said communications network, said server computer being capable of receiving and sending said transaction, said server being further capable of transforming said transaction at least partially with respect to a second schema; and

10 a second client computer system having a second client application and being connected to a communications network and capable of receiving said transaction, said second client application being capable of transforming said transaction at least partially with respect to a third schema.

8. The data switch of claim 7 further comprising:

storage registers in said server computer for storing a transaction while said transaction is being processed by said server computer, said storage registers being capable of storing said transaction in the event of a power failure, said server computer being able to restart a transaction using said storage registers in the event of a power failure.

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